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1 <u>TCP with adaptive pacing for multihop wireless networks</u>
Sherif M. ElRakabawy, Alexander Klemm, Christoph Lindemann
May 2005 MobiHoc '05: Proceedings of the 6th ACM international symposium on Mobile ad
        hoc networking and computing
Publisher: ACM

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In this paper, we introduce a novel congestion control algorithm for TCP over multihop
IEEE 802.11 wireless networks implementing rate-based scheduling of transmissions
within the TCP congestion window. We show how a TCP sender can adapt its
transmission ...

Keywords: IEEE 802.11 wireless networks, analysis and design of transport protocols,
end-to-end congestion control, performance evaluation

2 <u>A low latency and energy aware event ordering algorithm for wireless actor and</u>
<u>sensor networks</u>
Azzedine Boukerche, Fernando H. S. Silva, Regina B. Araujo, Richard W. N. Pazzi
October 2005 MSWiM '05: Proceedings of the 8th ACM international symposium on
        Modeling, analysis and simulation of wireless and mobile systems
Publisher: ACM

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grain monitoring of physical environments subjected to critical conditions such as fire,
leaking of toxic gases and explosions. A great challenge to these networks is ...

Keywords: critical safety, ordering of events, wireless actor and sensor networks

3 <u>Real-Time Network Emulation with ns-2</u>
Daniel Mahrenholz, Svilen Ivanov
October 2004 DS-RT '04: Proceedings of the 8th IEEE International Symposium on
        Distributed Simulation and Real-Time Applications